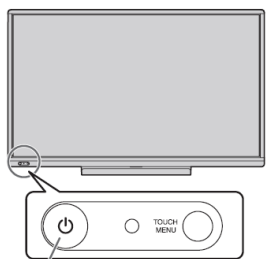


## PN-L703A/L603A

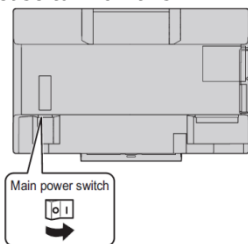
### Turn on power and launch "Whiteboard"

#### 1. Press the POWER button.



POWER button / Power LED

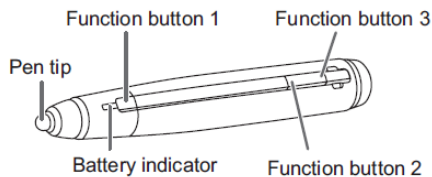
[Notice]  
If main power is turned off,  
please turn on this.



Main power switch

#### 2. Prepare "Touch pen".

Inserting the battery.



[Notice] Default setting

- Function button 1 : Right mouse click
- Function button 2 : PageDown
- Function button 3 : PageUp


\*When the function button is pressed, the battery indicator illuminates. If the battery indicator does not illuminate, please check if the battery is depleted.

#### 3. Launch "Whiteboard".

At previous #1 if you press the POWER button , "Whiteboard" is launched automatically.



[Notice]

Even if you touch the launch button  in bottom and touch "Whiteboard", you can launch.



### Draw character on "White board"

You can draw character by touching display (White board area) with pen.

[ Notice]

- You can draw by 4 people at same time.
- You can use max. 100 sheets.
- \*If you use pensoftware by external PC, you can use max. 1000 sheets.
- \*If file is heavy, reading time / moving sheet takes a lot time.



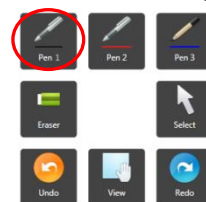
Bundled pen

### ● Change size and color of pen

#### 1. Touch the indicator (menu icon) .



#### 2. "Square menu" like following image appears.



1 / 2

#### 3. Touch "Pen 1" icon.




#### 4. Set on the setting menu like following image.



- Please select the kind of pen (Standard pen/Brush pen /Marker/Figure pen), Color (Black/Red/Blue/Green/Yellow /White), Size( 1 ~ 5 ).

• When you finish setting, please touch "Close" icon.

#### 5. You can create size and color which you want .

- Touch "Custom" icon  , Then you can set size and color.


# Erase character

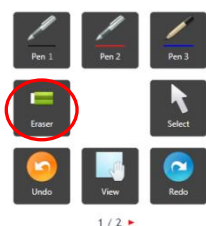
## ● Erase by bundled eraser

- You can erase by moving softly with bundled eraser.



## ● Erase by bundled pen

- Touch "Eraser" icon  on "Square menu", and then you can erase by touching (like moving softly) the area which you want to erase.



## ● Change the size of eraser

### 1. Double click "Eraser" icon on "Square menu".



- If you have already selected "eraser", please touch "Eraser" icon again.

### 2. Select the size and touch from following 4 images.



## ● Erase all item on sheet

### 1. Double click "Eraser" icon on "Square menu".



- If you have already selected "eraser", please touch "Eraser" icon again.



### 2. Touch "Sheet clear" icon , then dialog box appears.

- Once you touch "Yes", all item is cleared.


# Add new sheet

- Touch "Add" icon  on "Tool bar" in bottom, then you can add new sheet.



- Touch "Page" icon  , then you can move sheet, previous and next.

# Show sheet list of "White board".

- Touch "Sheet list" icon  on "Tool bar" in bottom, then you can see thumbnail each sheet.
- If you touch once, you can see up to 8 sheets' thumbnails at the bottom of screen like following (a) image. If you touch again, you can see max. 48 sheets' thumbnails like following (b) image and you can move to the sheet where you touch.



(a)



(b)

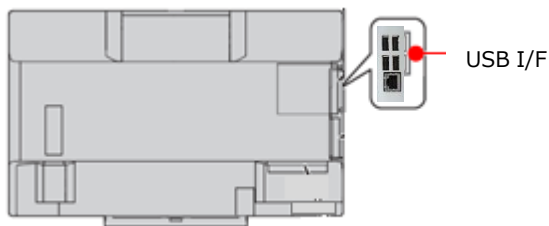


# Save the data

## [ Notice ]

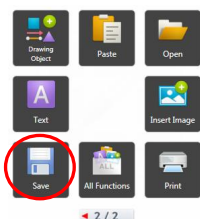
- You can not save the data into display.  
If you want to save the data, please prepare USB flash drive.
- If you want to use USB flash drive with security, please use a drive with hardware security. You can not use a drive with software security since security software can not be installed into display.

## 1. Insert USB flash drive.



\*If you insert USB flash drive to USB I/F of bottom side, You can not save the data.

## 2. Touch "Save" icon on "Square menu".



## 3. Select the save method.


• Save as a new file :  • Save to the same file : 

• Save PDF :  • Save image : 

\*"Save as a new file" and "Save to the same file", it save as SWSX format and you can build again.

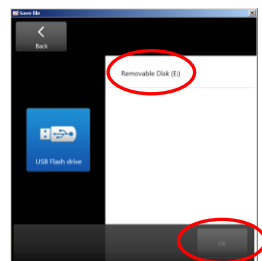
\*"Save image", it save as BMP/JPEG/PNG format so you can not build again.

## [ Notice ]

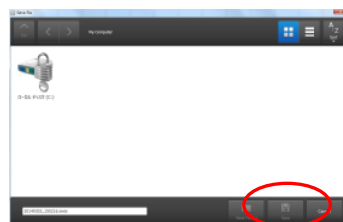
Format of "Save as image" is set by "sheet" tab on setting  of "Tool bar" in bottom



## 4. Select the file save location (USB flash drive) and touch "OK".



## 5. Touch "OK".



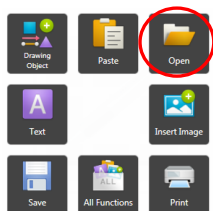
## [ Notice ]

When you want to change file name, software key board appear by touching file name space and then you can change it




# Open saved data

## 1. Touch "Open file" icon on "Square menu".



## 2. Select file opening method.

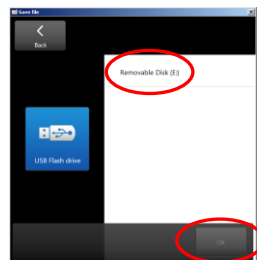
• New  : Create a new sheet

• Open as a new file  : Open data as a new file

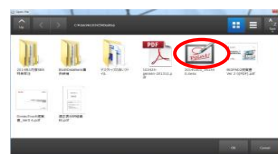
• Add to the current sheet  : Add data to the current sheet

## 3. Read the file.

- Select the saved location (USB flash drive) and touch "OK".



## 4. Select the file and touch "OK".



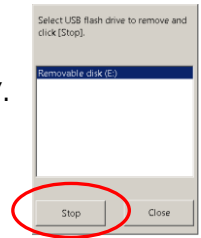
# Eject a USB flash drive

## 1. Touch "Eject USB Media" from launcher menu.



## 2. Select a USB flash drive.

Select a USB flash drive which you want to eject, and touch "Stop".



# Turn off power

## 1. Press POWER button in left bottom.

The display will go whiteboard standby mode.

## 2. Hold down POWER button in left bottom until the exit screen appears.

Whiteboard will shutdown.

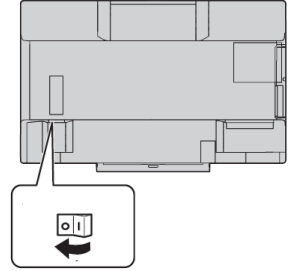
[Notice]

Status of Power LED

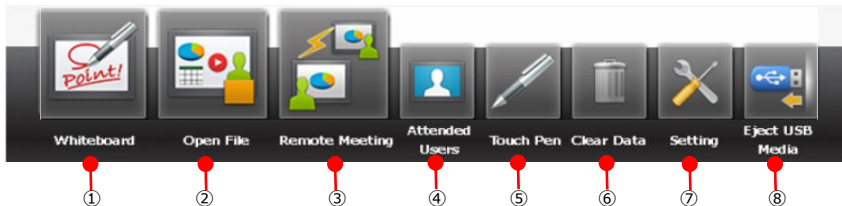
- Green lit : Power on
- Orange lit : Power off (Standby mode)
- Orange flashing : Power off (Whiteboard standby mode)
- Green flashing : Input signal standby mode

[Notice]

If you want to turn off main power, please turn off main power after you check whiteboard has shut down (after you can see Orange lit).

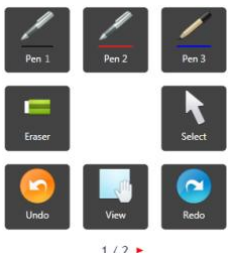


# Launcher menu structure



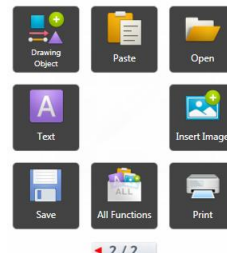
- ① Whiteboard  
Use Whiteboard mode of Pen Software.
  - ② Open File  
You can browse PDF and Microsoft Office files, view images, and play audio/video.
  - ③ Remote Meeting  
Use Touch Display Link to hold teleconferences.
  - ④ Attended Users  
Use the host function of Touch Display Link.
  - ⑤ Touch Pen  
Show touch pen information.
  - ⑥ Clear Data  
Erase data that was used on the monitor.
  - ⑦ Setting  
Show the WHITEBOARD mode settings screen.
  - ⑧ Eject USB Media  
Appears when a USB flash drive is inserted.  
Use when you want to remove the USB flash drive.
- \*If you use function of ③ and ④ with Touch Display Link software, please refer to manual of Touch Display Link.



# Square menu structure



- Pen1~3 : Draw lines.
- Eraser : Erase hand-drawn lines.
- Select : Select an object.  
You can move/enlarge/rotate/delete/copy.
- Redo : Redo the immediately preceding canceled operation.
- View : Enlarge the view of the whiteboard, change the display position and pages.
- Undo : Cancel the immediately preceding operation.

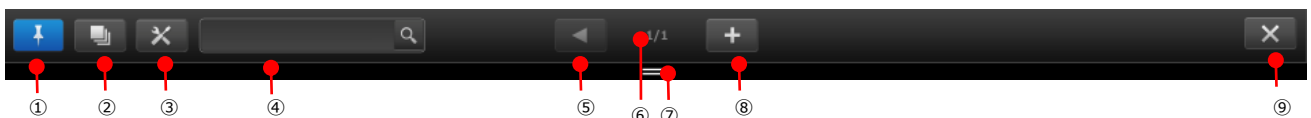
1 / 2 ▶



- Drawing Object : Draw a figure or line/arrow.
- Paste : Pastes a copied object.
- Open : Open a file.
- Text : Enter text by software key board.
- Insert image :  
 : Insert an image file.  
 : Insert Screen capture.
- Save : Save file.
- All function : Displays all functions in list view.
- Print : Print file. You can select current sheet or all.

◀ 2 / 2

# Tool bar structure (in bottom)



- ① "Pin" button : Touch to switch between the pin / do not pin settings.
- ② Sheet list : Shows the sheets as thumbnails.
- ③ Settings : Displays the pen software settings screen.
- ④ Search box : You can search for text and handwritten characters in the box.
- ⑤ Sheet navigation buttons : Touch the sheet navigation button to change the displayed sheet.
- ⑥ Page No. of the current sheet :
- ⑦ Launch button : Open launcher menu.
- ⑧ Add sheet button : When the last sheet is displayed, press to add a sheet at the end.
- ⑨ Quit : The software is exited.

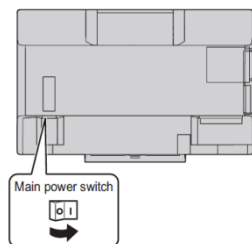
## ● Quick start

- This display have quick start function which you can start within around 5 seconds from pressing the POWER button.

Please set "Whiteboard standby mode" in advance by referring to follows.

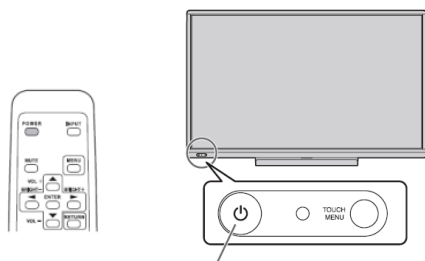
### ■ Preparation in advance

- 1) Insert POWER code to socket and turn on main power.



- 2) Press the POWER button by remote controller or POWER button.  
Power LED are changed to "Green lit", and White board will start after around 2 minutes.

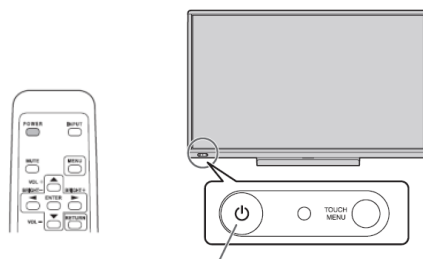
- 3) Press the POWER button by remote controller or POWER button.  
Power LED are changed to "Orange flashing", the display will go "whiteboard standby mode".



Remote controller POWER button / Power LED

### ■ Quick start, and "whiteboard standby mode" again

- 1) Press the POWER button by remote controller or POWER button when it is "whiteboard standby mode" (Power LED : Orange flashing), then white board can start within around 5 seconds



Remote controller POWER button / Power LED

- 2) Press the POWER button by remote controller or POWER button.  
Power LED are changed to "Orange flashing", the display will go "whiteboard standby mode".

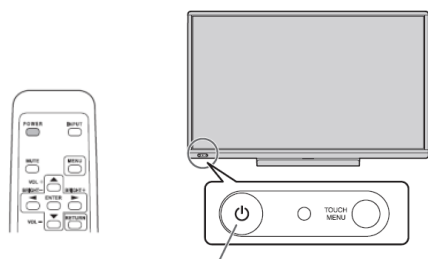
So in next time white board can start within around 5 seconds again.

### [ Caution ]

#### ■ In case of turning off main power or ejecting POWER code

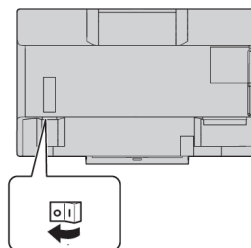
If you want to turn off main power or eject POWER code, please operate after checking that you hold down POWER button in left bottom until the exit screen appears and you can see Orange lit.

- 1) Hold down POWER button in left bottom until the exit screen appears.



Remote controller POWER button / Power LED

- 2) Check you can see Orange lit in Power LED.
- 3) Turn off main power and then eject POWER code.

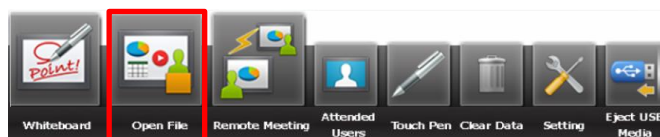
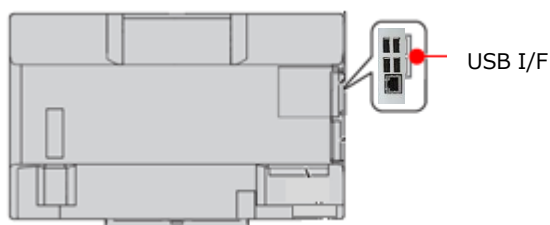


\* Even if other video signal is inputted, please check you can see Orange lit in Power LED and operate same way as above

# Other function

## ● Presentation / Play movie

- You can have a presentation by bundled file viewer and play movie by bundled media player w/o external PC.
- When insert USB flash drive with some data, and then you can open from “Open File” of launcher menu.



\*If you insert USB flash drive to USB I/F of bottom side,  
You can not save the data.

- Please refer to supported file as follows.

	Presentation	Play movie
Supported file format	PDF / POWER POINT / WORD / EXCEL *these are Viewer	.wmv /.mpeg /.mpg /.avi /.asf /.wm/.mpa/.mpe/.m1v
Recommended data capacity and detail	Approx. 1 MB/5 pages in case of POWER POINT	WMV : Resolution under 720P, Bit rate under 10Mbps MOV/MP4 : Resolution 720P, Bit rate 1Mbps

### [ Notice ]

#### >> Presentation

- If you have POWER POINT file with movie, there may be case that you can not play.
- It supports Office 2007 format, but there may be case that you can not read.
- If file is heavy, reading time / moving sheet takes a lot time.
- If you want to save presentation data with character you drew, you need to capture and copy to White board by each page and save.  
You can not save plural pages at one time.

#### >> Play movie

- If these are above format, there may be case that you can not play.
- If file is heavy, reading time takes a lot time.
- If file is high resolution file like 1080p, it may happen dropping frame.

## ● Print

- You can not install additional printer driver.  
Since some universal driver of SHARP printer is installed, you can print by using this driver.
- Please refer to supported SHARP printer as follows.

DX-C401	MX-C300P	MX-2610N	MX-4141N	MX-B402P	MX-M465N
DX-C401 J	MX-C300PE	MX-2614N	MX-5110N	MX-M264N	MX-M503N
DX-C400	MX-C300PL	MX-2640N	MX-5111N	MX-M264U	MX-M503U
DX-C311	MX-C300W	MX-3110N	MX-5140N	MX-M283N	MX-M565N
DX-C311 J	MX-C300WE	MX-3111U	MX-5141N	MX-M314N	
DX-C310	MX-C310	MX-3114N	MX-B380P	MX-M314U	
DX-C381	MX-C311	MX-3140N	MX-B381	MX-M354N	